BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at SC/ST area of JP Colony Puttenahalli Nagenahalli and surrounding areas in Ward No. 02 of Yelahanka Sub division

Agency:

Measurements Taken On :

ABSTRACT OF MEASUREMENT SHEET - Ist and FINAL BILL

Item No	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No. 1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	1249.75			
	present Qty	Cum	1249.75			
	Previous Bill Qty	Cum	-			
	Total	Cum	1249.75			
	Tender Qty	Cum	1243.62			
	Now to be paid	Cum	1249.75			
	Quantity Limited To	Cum	1243.62	215.28	267726.51	
Item No. 02	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.and as per the directions of the Engineer-in-charge of the work .	Cum	261.92			
	present Qty	Cum	261.92			
	Previous Bill Qty	Cum	-			
	Total	Cum	261.92			
	Tender Qty	Cum	261.93			
	Now to be paid	Cum	261.92	5421.90	1420112.32	
Item No. 03	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification and as per the directions of the Engineer-in-charge of the work .	Cum	309.82			
	present Qty	Cum	309.82			
	Previous Bill Qty	Cum	-			
	Total	Cum	309.82			
	Tender Qty	Cum	306.36			
	Now to be paid	Cum	309.82			
	Quantity Limited To	Cum	306.36	7070.20	2166026.47	

Contractor

Sig
Date
PMC

Assistant Engineer

Assistant Executive Engineer

A.E.E

Item No	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No.04	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Tonne	21.45			
	present Qty	Tonne	21.45			
	Previous Bill Qty	Tonne	-			
	Total	Tonne	21.45			
	Tender Qty	Tonne	21.45			
	Now to be paid	Tonne	21.45	73992.24	1586778.39	
Item No.05	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per the directions of the Engineer-in-charge of the work . (Data Rate)	Sqm	815.15			
	present Qty	Sqm	815.15			
	Previous Bill Qty	Sqm	-			
	Total	Sqm	815.15			
	Tender Qty	Sqm	815.58			
	Now to be paid	Sqm	815.15	2337.00	1905011.39	
Item No.06	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	64.82			
	present Qty	Cum	64.82			
	Previous Bill Qty	Cum	-			
	Total	Cum	64.82			
	Tender Qty	Cum	64.80			
	Now to be paid	Cum	64.82			
	Quantity Limited To	Cum	64.80	973.42	63077.62	

Contractor

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

Assistant Executive Engineer

Item No	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No.07	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications.. and as per the directions of the Engineer-in-charge of the work .	Cum	108.54			
	present Qty	**Cum**	**108.54**			
	Previous Bill Qty	**Cum**	**-**			
	Total	**Cum**	**108.54**			
	Tender Qty	**Cum**	**108.75**			
	Now to be paid	**Cum**	**108.54**	**5210.96**	**565598.25**	
Item No.08	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. and as per the directions of the Engineer-in-charge of the work .	Sqm	577			
	present Qty	**Sqm**	**577.00**			
	Previous Bill Qty	**Sqm**	**-**			
	Total	**Sqm**	**577.00**			
	Tender Qty	**Sqm**	**725.00**			
	Now to be paid	**Sqm**	**577.00**	**72.08**	**41590.41**	
				SUB TOTAL AMOUNT	**8015921.36**	
				Add KRIDL @ 4%	**320636.85**	
				Add GST @ 12%	**961910.56**	
				TOTAL AMOUNT	**9298468.78**	

Contractor

CIVIL Pro Sig Date BANGALORE

AssistantEngineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.
BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK: Improvements to Roads and Drains at SC/ST area of JP Colony Puttenahalli Nagenahalli and surrounding areas in Ward No. 02 of Yelahanka Sub division									
Measurements Taken On :									
MEASUREMENT SHEET - 1st and FINAL BILL									
Chainage From	**Chainage To**	**Description of Item**	**Unit**	**No**	**Length (m)**	**Breadth (m)**	**Depth (m)**	**Quantity**	**Remarks**
Item No. 01		**Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .**							
		New Drain							
		Drain RHS							
		J.P Colony							
0	8		Cum	1	8.00	1.20	0.90	8.64	
8	10.5		Cum	1	2.50	1.20	0.90	2.70	
10.5	14.2		Cum	1	3.70	1.20	0.90	4.00	
14.2	18.6		Cum	1	4.40	1.20	0.90	4.75	
18.6	21.1		Cum	1	2.50	1.20	0.90	2.70	
21.1	24.8		Cum	1	3.70	1.20	0.90	4.00	
24.8	27.9		Cum	1	3.10	1.20	0.90	3.35	
27.9	31.6		Cum	1	3.70	1.20	0.90	4.00	
31.6	34.2		Cum	1	2.60	1.20	0.90	2.81	
34.2	38.5		Cum	1	4.30	1.20	0.90	4.64	
38.5	41.1		Cum	1	2.60	1.20	0.90	2.81	
41.1	45.55		Cum	1	4.45	1.20	0.90	4.81	
45.55	47.95		Cum	1	2.40	1.20	0.90	2.59	
47.95	51.75		Cum	1	3.80	1.20	0.90	4.10	
51.75	54.25		Cum	1	2.50	1.20	0.90	2.70	
54.25	58.6		Cum	1	4.35	1.20	0.90	4.70	
58.6	61.2		Cum	1	2.60	1.20	0.90	2.81	
0	3.1		Cum	1	3.10	1.20	0.90	3.35	
3.1	5.65		Cum	1	2.55	1.20	0.90	2.75	
5.65	9.35		Cum	1	3.70	1.20	0.90	4.00	
9.35	11.8		Cum	1	2.45	1.20	0.90	2.65	
11.8	16.2		Cum	1	4.40	1.20	0.90	4.75	
16.2	18.7		Cum	1	2.50	1.20	0.90	2.70	
18.7	23		Cum	1	4.30	1.20	0.90	4.64	
23	25.45		Cum	1	2.45	1.20	0.90	2.65	
25.45	29.15		Cum	1	3.70	1.20	0.90	4.00	

CIVIL Pro Sig Date PMC BANGALORE

Contactor

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
29.15	31.65		Cum	1	2.50	1.20	0.90	2.70	
31.65	36		Cum	1	4.35	1.20	0.90	4.70	
36	39.1		Cum	1	3.10	1.20	0.90	3.35	
39.1	42.8		Cum	1	3.70	1.20	0.90	4.00	
42.8	45.25		Cum	1	2.45	1.20	0.90	2.65	
45.25	49.6		Cum	1	4.35	1.20	0.90	4.70	
49.6	52.7		Cum	1	3.10	1.20	0.90	3.35	
52.7	55.8		Cum	1	3.10	1.20	0.90	3.35	
55.8	58.9		Cum	1	3.10	1.20	0.90	3.35	
58.9	62.65		Cum	1	3.75	1.20	0.90	4.05	
62.65	65.2		Cum	1	2.55	1.20	0.90	2.75	
65.2	69.55		Cum	1	4.35	1.20	0.90	4.70	
69.55	71.9		Cum	1	2.35	1.20	0.90	2.54	
71.9	76.3		Cum	1	4.40	1.20	0.90	4.75	
76.3	78.8		Cum	1	2.50	1.20	0.90	2.70	
78.8	82.6		Cum	1	3.80	1.20	0.90	4.10	
82.6	85		Cum	1	2.40	1.20	0.90	2.59	
85	89.4		Cum	1	4.40	1.20	0.90	4.75	
89.4	91.9		Cum	1	2.50	1.20	0.90	2.70	
91.9	96.2		Cum	1	4.30	1.20	0.90	4.64	
96.2	98.7		Cum	1	2.50	1.20	0.90	2.70	
98.7	103.1		Cum	1	4.40	1.20	0.90	4.75	
103.1	106.2		Cum	1	3.10	1.20	0.90	3.35	
106.2	109.9		Cum	1	3.70	1.20	0.90	4.00	
109.9	112.4		Cum	1	2.50	1.20	0.90	2.70	
112.4	116.7		Cum	1	4.30	1.20	0.90	4.64	
116.7	119.2		Cum	1	2.50	1.20	0.90	2.70	
119.2	123.6		Cum	1	4.35	1.20	0.90	4.70	
123.55	126		Cum	1	2.45	1.20	0.90	2.65	
126	130.4		Cum	1	4.40	1.20	0.90	4.75	
130.4	132.9		Cum	1	2.50	1.20	0.90	2.70	
132.9	136.6		Cum	1	3.70	1.20	0.90	4.00	
136.6	139.1		Cum	1	2.50	1.20	0.90	2.70	
139.1	143.5		Cum	1	4.40	1.20	0.90	4.75	
143.5	146		Cum	1	2.50	1.20	0.90	2.70	
146	150.4		Cum	1	4.40	1.20	0.90	4.75	
150.4	152.9		Cum	1	2.50	1.20	0.90	2.70	
152.9	157.3		Cum	1	4.40	1.20	0.90	4.75	
157.3	159.8		Cum	1	2.50	1.20	0.90	2.70	
159.8	163.6		Cum	1	3.80	1.20	0.90	4.10	
163.6	166.1		Cum	1	2.50	1.20	0.90	2.70	
166.1	170.5		Cum	1	4.40	1.20	0.90	4.75	
170.5	173		Cum	1	2.50	1.20	0.90	2.70	
173	177.4		Cum	1	4.40	1.20	0.90	4.75	

Contactor

CIVIL Sig. Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
177.4	179.9		Cum	1	2.50	1.20	0.90	2.70	
179.9	184.3		Cum	1	4.40	1.20	0.90	4.75	
184.3	186.8		Cum	1	2.50	1.20	0.90	2.70	
186.8	190.5		Cum	1	3.70	1.20	0.90	4.00	
190.5	191.7		Cum	1	1.20	1.20	0.90	1.30	
191.7	196.2		Cum	1	4.50	1.20	0.90	4.86	
196.2	200		Cum	1	3.80	1.20	0.90	4.10	
200	203.8		Cum	1	3.80	1.20	0.90	4.10	
203.8	206.3		Cum	1	2.50	1.20	0.90	2.70	
206.3	210.7		Cum	1	4.40	1.20	0.90	4.75	
210.7	213.2		Cum	1	2.50	1.20	0.90	2.70	
213.2	217		Cum	1	3.80	1.20	0.90	4.10	
217	219.5		Cum	1	2.50	1.20	0.90	2.70	
219.5	222.7		Cum	1	3.20	1.20	0.90	3.46	
222.7	226.4		Cum	1	3.70	1.20	0.90	4.00	
226.4	230.2		Cum	1	3.80	1.20	0.90	4.10	
230.2	233.4		Cum	1	3.20	1.20	0.90	3.46	
233.4	237.2		Cum	1	3.80	1.20	0.90	4.10	
237.2	240.4		Cum	1	3.20	1.20	0.90	3.46	
240.4	244.1		Cum	1	3.70	1.20	0.90	4.00	
244.1	246.6		Cum	1	2.50	1.20	0.90	2.70	
246.6	250.3		Cum	1	3.70	1.20	0.90	4.00	
250.3	253.5		Cum	1	3.20	1.20	0.90	3.46	
253.5	255.4		Cum	1	1.90	1.20	0.90	2.05	
255.4	278		Cum	1	22.60	1.20	0.90	24.41	
278	293		Cum	1	15.00	1.20	0.90	16.20	
293	308		Cum	1	15.00	1.20	0.90	16.20	
		Cross Road Connecting Buriyal Ground							
		LHS							
0	15		Cum	1	15.00	1.20	0.90	16.20	
15	30		Cum	1	15.00	1.20	0.90	16.20	
30	37.8		Cum	1	7.80	1.20	0.90	8.42	
37.8	52.8		Cum	1	15.00	1.20	0.90	16.20	
		Buriyal to Main Road							
		RHS							
0	14.6		Cum	1	14.60	1.20	0.90	15.77	
14.6	29.6		Cum	1	15.00	1.20	0.90	16.20	
29.6	45		Cum	1	15.40	1.20	0.90	16.63	
45	47.8		Cum	1	2.80	1.20	0.90	3.02	

CIVIL Pro Sig Date PMC BANGALORE

Contactor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		Pavani Apartment Road							
0	15								
15	30		Cum	1	15.00	1.20	0.90	16.20	
30	44.6		Cum	1	15.00	1.20	0.90	16.20	
44.6	67		Cum	1	14.60	1.20	0.90	15.77	
			Cum	1	22.40	1.20	0.90	24.19	
		Vinayaka Layout Cross Road opposite Muneshwara Swamy Temple							
		RHS							
0	15								
15	29		Cum	1	15.00	1.20	0.90	16.20	
29	33.1		Cum	1	14.00	1.20	0.90	15.12	
33.1	48.1		Cum	1	4.10	1.20	0.90	4.43	
48.1	65.1		Cum	1	15.00	1.20	0.90	16.20	
			Cum	1	17.00	1.20	0.90	18.36	
		LHS							
0	11								
11	15		Cum	1	11.00	1.20	0.90	11.88	
15	19		Cum	1	4.00	1.20	0.90	4.32	
19	26.1		Cum	1	4.00	1.20	0.90	4.32	
26.1	40		Cum	1	7.10	1.20	0.90	7.67	
40	55		Cum	1	13.90	1.20	0.90	15.01	
55	68.6		Cum	1	15.00	1.20	0.90	16.20	
			Cum	1	13.60	1.20	0.90	14.69	
		Puttenahalli							
		2nd Main							
		LHS							
0	15								
15	28.7		Cum	1	15.00	1.20	0.90	16.20	
28.7	30.6		Cum	1	13.70	1.20	0.90	14.80	
30.6	45		Cum	1	1.90	1.20	0.90	2.05	
45	52.3		Cum	1	14.40	1.20	0.90	15.55	
52.3	56		Cum	1	7.30	1.20	0.90	7.88	
56	59.2		Cum	1	3.70	1.20	0.90	4.00	
59.2	65.2		Cum	1	3.20	1.20	0.90	3.46	
65.2	75		Cum	1	6.00	1.20	0.90	6.48	
75	88.9		Cum	1	9.80	1.20	0.90	10.58	
88.9	108.8		Cum	1	13.90	1.20	0.90	15.01	
108.8	114.6		Cum	1	19.90	1.20	0.90	21.49	
114.6	124.1		Cum	1	5.80	1.20	0.90	6.26	
			Cum	1	9.50	1.20	0.90	10.26	
0	15								
15	30		Cum	1	15.00	1.20	0.80	14.40	
30	45		Cum	1	15.00	1.20	0.80	14.40	
			Cum	1	15.00	1.20	0.80	14.40	

Contactor

CIVIL Sup. Date BMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		RHS							
0	9.4		Cum	1	9.40	1.20	0.90	10.15	
9.4	15		Cum	1	5.60	1.20	0.90	6.05	
15	30		Cum	1	15.00	1.20	0.90	16.20	
30	43.9		Cum	1	13.90	1.20	0.90	15.01	
43.9	60		Cum	1	16.10	1.20	0.90	17.39	
60	75		Cum	1	15.00	1.20	0.90	16.20	
75	90		Cum	1	15.00	1.20	0.90	16.20	
90	104.8		Cum	1	14.80	1.20	0.90	15.98	
104.8	108.6		Cum	1	3.80	1.20	0.90	4.10	
108.6	114.8		Cum	1	6.20	1.20	0.90	6.70	
114.8	117.8		Cum	1	3.00	1.20	0.90	3.24	
117.8	126.5		Cum	1	8.70	1.20	0.90	9.40	
126.5	136.1		Cum	1	9.60	1.20	0.90	10.37	
136.1	142.1		Cum	1	6.00	1.20	0.90	6.48	
142.1	145.4		Cum	1	3.30	1.20	0.90	3.56	
145.4	149.4		Cum	1	4.00	1.20	0.90	4.32	
149.4	154.3		Cum	1	4.90	1.20	0.90	5.29	
154.3	164.5		Cum	1	8.00	1.20	0.90	8.64	
		For Concrete Road							
		Puttenahalli							
		Anjaneya Swamy temple surrounding							
			Cum	1	3.70	4.55	0.30	5.05	
			Cum	1	7.60	3.55	0.30	8.09	
			Cum	1	6.30	10.50	0.30	19.85	
			Cum	1	6.00	14.90	0.30	26.82	
			Cum	1	8.30	9.35	0.30	23.28	
			Cum	1	14.95	1.93	0.30	8.66	
			Cum	1	2.50	4.10	0.30	3.08	
			Cum	1	2.10	2.00	0.30	1.26	
			Cum	1	3.80	4.00	0.30	4.56	
			Cum	1	4.10	2.00	0.30	2.46	
			Cum	1	4.00	4.00	0.30	4.80	
			Cum	1	5.80	6.70	0.30	11.66	
			Cum	1	4.30	7.15	0.30	9.22	
			Cum	1	4.00	7.15	0.30	8.58	
			Cum	1	5.00	4.70	0.30	7.05	
			Cum	1	7.50	6.60	0.30	14.85	
			Cum	1	5.00	4.85	0.30	7.28	
			Cum	1	5.00	4.38	0.30	6.56	
							TOTAL	**1249.75**	
							Quantity Limited To	**1243.62**	

Contactor

CIVIL ENGG. Sec. Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 02		Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work .							
		New Drain							
		Drain RHS							
		J.P Colony							
0	8		Cum	1	8.00	1.20	0.15	1.44	
8	10.5		Cum	1	2.50	1.20	0.15	0.45	
10.5	14.2		Cum	1	3.70	1.20	0.15	0.67	
14.2	18.6		Cum	1	4.40	1.20	0.15	0.79	
18.6	21.1		Cum	1	2.50	1.20	0.15	0.45	
21.1	24.8		Cum	1	3.70	1.20	0.15	0.67	
24.8	27.9		Cum	1	3.10	1.20	0.15	0.56	
27.9	31.6		Cum	1	3.70	1.20	0.15	0.67	
31.6	34.2		Cum	1	2.60	1.20	0.15	0.47	
34.2	38.5		Cum	1	4.30	1.20	0.15	0.77	
38.5	41.1		Cum	1	2.60	1.20	0.15	0.47	
41.1	45.55		Cum	1	4.45	1.20	0.15	0.80	
45.55	47.95		Cum	1	2.40	1.20	0.15	0.43	
47.95	51.75		Cum	1	3.80	1.20	0.15	0.68	
51.75	54.25		Cum	1	2.50	1.20	0.15	0.45	
54.25	58.6		Cum	1	4.35	1.20	0.15	0.78	
58.6	61.2		Cum	1	2.60	1.20	0.15	0.47	
0	3.1		Cum	1	3.10	1.20	0.15	0.56	
3.1	5.65		Cum	1	2.55	1.20	0.15	0.46	
5.65	9.35		Cum	1	3.70	1.20	0.15	0.67	
9.35	11.8		Cum	1	2.45	1.20	0.15	0.44	
11.8	16.2		Cum	1	4.40	1.20	0.15	0.79	
16.2	18.7		Cum	1	2.50	1.20	0.15	0.45	
18.7	23		Cum	1	4.30	1.20	0.15	0.77	
23	25.45		Cum	1	2.45	1.20	0.15	0.44	
25.45	29.15		Cum	1	3.70	1.20	0.15	0.67	
29.15	31.65		Cum	1	2.50	1.20	0.15	0.45	
31.65	36		Cum	1	4.35	1.20	0.15	0.78	
36	39.1		Cum	1	3.10	1.20	0.15	0.56	
39.1	42.8		Cum	1	3.70	1.20	0.15	0.67	
42.8	45.25		Cum	1	2.45	1.20	0.15	0.44	
45.25	49.6		Cum	1	4.35	1.20	0.15	0.78	

Contactor

CIVIL Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
49.6	52.7		Cum	1	3.10	1.20	0.15	0.56	
52.7	55.8		Cum	1	3.10	1.20	0.15	0.56	
55.8	58.9		Cum	1	3.10	1.20	0.15	0.56	
58.9	62.65		Cum	1	3.75	1.20	0.15	0.68	
62.65	65.2		Cum	1	2.55	1.20	0.15	0.46	
65.2	69.55		Cum	1	4.35	1.20	0.15	0.78	
69.55	71.9		Cum	1	2.35	1.20	0.15	0.42	
71.9	76.3		Cum	1	4.40	1.20	0.15	0.79	
76.3	78.8		Cum	1	2.50	1.20	0.15	0.45	
78.8	82.6		Cum	1	3.80	1.20	0.15	0.68	
82.6	85		Cum	1	2.40	1.20	0.15	0.43	
85	89.4		Cum	1	4.40	1.20	0.15	0.79	
89.4	91.9		Cum	1	2.50	1.20	0.15	0.45	
91.9	96.2		Cum	1	4.30	1.20	0.15	0.77	
96.2	98.7		Cum	1	2.50	1.20	0.15	0.45	
98.7	103.1		Cum	1	4.40	1.20	0.15	0.79	
103.1	106.2		Cum	1	3.10	1.20	0.15	0.56	
106.2	109.9		Cum	1	3.70	1.20	0.15	0.67	
109.9	112.4		Cum	1	2.50	1.20	0.15	0.45	
112.4	116.7		Cum	1	4.30	1.20	0.15	0.77	
116.7	119.2		Cum	1	2.50	1.20	0.15	0.45	
119.2	123.6		Cum	1	4.35	1.20	0.15	0.78	
123.55	126		Cum	1	2.45	1.20	0.15	0.44	
126	130.4		Cum	1	4.40	1.20	0.15	0.79	
130.4	132.9		Cum	1	2.50	1.20	0.15	0.45	
132.9	136.6		Cum	1	3.70	1.20	0.15	0.67	
136.6	139.1		Cum	1	2.50	1.20	0.15	0.45	
139.1	143.5		Cum	1	4.40	1.20	0.15	0.79	
143.5	146		Cum	1	2.50	1.20	0.15	0.45	
146	150.4		Cum	1	4.40	1.20	0.15	0.79	
150.4	152.9		Cum	1	2.50	1.20	0.15	0.45	
152.9	157.3		Cum	1	4.40	1.20	0.15	0.79	
157.3	159.8		Cum	1	2.50	1.20	0.15	0.45	
159.8	163.6		Cum	1	3.80	1.20	0.15	0.68	
163.6	166.1		Cum	1	2.50	1.20	0.15	0.45	
166.1	170.5		Cum	1	4.40	1.20	0.15	0.79	
170.5	173		Cum	1	2.50	1.20	0.15	0.45	
173	177.4		Cum	1	4.40	1.20	0.15	0.79	
177.4	179.9		Cum	1	2.50	1.20	0.15	0.45	
179.9	184.3		Cum	1	4.40	1.20	0.15	0.79	
184.3	186.8		Cum	1	2.50	1.20	0.15	0.45	
186.8	190.5		Cum	1	3.70	1.20	0.15	0.67	
190.5	191.7		Cum	1	1.20	1.20	0.15	0.22	
191.7	196.2		Cum	1	4.50	1.20	0.15	0.81	

Contactor

CIVIL ENGG. Sign Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
196.2	200		Cum	1	3.80	1.20	0.15	0.68	
200	203.8		Cum	1	3.80	1.20	0.15	0.68	
203.8	206.3		Cum	1	2.50	1.20	0.15	0.45	
206.3	210.7		Cum	1	4.40	1.20	0.15	0.79	
210.7	213.2		Cum	1	2.50	1.20	0.15	0.45	
213.2	217		Cum	1	3.80	1.20	0.15	0.68	
217	219.5		Cum	1	2.50	1.20	0.15	0.45	
219.5	222.7		Cum	1	3.20	1.20	0.15	0.58	
222.7	226.4		Cum	1	3.70	1.20	0.15	0.67	
226.4	230.2		Cum	1	3.80	1.20	0.15	0.68	
230.2	233.4		Cum	1	3.20	1.20	0.15	0.58	
233.4	237.2		Cum	1	3.80	1.20	0.15	0.68	
237.2	240.4		Cum	1	3.20	1.20	0.15	0.58	
240.4	244.1		Cum	1	3.70	1.20	0.15	0.67	
244.1	246.6		Cum	1	2.50	1.20	0.15	0.45	
246.6	250.3		Cum	1	3.70	1.20	0.15	0.67	
250.3	253.5		Cum	1	3.20	1.20	0.15	0.58	
253.5	255.4		Cum	1	1.90	1.20	0.15	0.34	
255.4	278		Cum	1	22.60	1.20	0.15	4.07	
278	293		Cum	1	15.00	1.20	0.15	2.70	
293	308		Cum	1	15.00	1.20	0.15	2.70	
		Cross Road Connecting Buriyal Ground							
		LHS							
0	15		Cum	1	15.00	1.20	0.15	2.70	
15	30		Cum	1	15.00	1.20	0.15	2.70	
30	37.8		Cum	1	7.80	1.20	0.15	1.40	
37.8	52.8		Cum	1	15.00	1.20	0.15	2.70	
		Buriyal to Main Road							
		RHS							
0	14.6		Cum	1	14.60	1.20	0.15	2.63	
14.6	29.6		Cum	1	15.00	1.20	0.15	2.70	
29.6	45		Cum	1	15.40	1.20	0.15	2.77	
45	47.8		Cum	1	2.80	1.20	0.15	0.50	
		Pavani Apartment Road							
0	15		Cum	1	15.00	1.20	0.15	2.70	
15	30		Cum	1	15.00	1.20	0.15	2.70	
30	44.6		Cum	1	14.60	1.20	0.15	2.63	
44.6	67		Cum	1	22.40	1.20	0.15	4.03	

CIVIL Pro Sig Date BMC BANGALORE

Contactor

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		Vinayaka Layout Cross Road opposite Muneshwara Swamy Temple							
		RHS							
0	15		Cum	1	15.00	1.20	0.15	2.70	
15	29		Cum	1	14.00	1.20	0.15	2.52	
29	33.1		Cum	1	4.10	1.20	0.15	0.74	
33.1	48.1		Cum	1	15.00	1.20	0.15	2.70	
48.1	65.1		Cum	1	17.00	1.20	0.15	3.06	
		LHS							
0	11		Cum	1	11.00	1.20	0.15	1.98	
11	15		Cum	1	4.00	1.20	0.15	0.72	
15	19		Cum	1	4.00	1.20	0.15	0.72	
19	26.1		Cum	1	7.10	1.20	0.15	1.28	
26.1	40		Cum	1	13.90	1.20	0.15	2.50	
40	55		Cum	1	15.00	1.20	0.15	2.70	
55	68.6		Cum	1	13.60	1.20	0.15	2.45	
		Puttenahalli							
		2nd Main							
		LHS							
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	28.7		Cum	1	13.70	1.10	0.15	2.26	
28.7	30.6		Cum	1	1.90	1.10	0.15	0.31	
30.6	45		Cum	1	14.40	1.10	0.15	2.38	
45	52.3		Cum	1	7.30	1.10	0.15	1.20	
52.3	56		Cum	1	3.70	1.10	0.15	0.61	
56	59.2		Cum	1	3.20	1.10	0.15	0.53	
59.2	65.2		Cum	1	6.00	1.10	0.15	0.99	
65.2	75		Cum	1	9.80	1.10	0.15	1.62	
75	88.9		Cum	1	13.90	1.10	0.15	2.29	
88.9	108.8		Cum	1	19.90	1.10	0.15	3.28	
108.8	114.6		Cum	1	5.80	1.10	0.15	0.96	
114.6	124.1		Cum	1	9.50	1.10	0.15	1.57	
0	15		Cum	1	15.00	1.10	0.15	2.48	

Contactor

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	0.15	2.48	
		RHS							
0	9.4		Cum	1	9.40	1.10	0.15	1.55	
9.4	15		Cum	1	5.60	1.10	0.15	0.92	
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	43.9		Cum	1	13.90	1.10	0.15	2.29	
43.9	60		Cum	1	16.10	1.10	0.15	2.66	
60	75		Cum	1	15.00	1.10	0.15	2.48	
75	90		Cum	1	15.00	1.10	0.15	2.48	
90	104.8		Cum	1	14.80	1.10	0.15	2.44	
104.8	108.6		Cum	1	3.80	1.10	0.15	0.63	
108.6	114.8		Cum	1	6.20	1.10	0.15	1.02	
114.8	117.8		Cum	1	3.00	1.10	0.15	0.50	
117.8	126.5		Cum	1	8.70	1.10	0.15	1.44	
126.5	136.1		Cum	1	9.60	1.10	0.15	1.58	
136.1	142.1		Cum	1	6.00	1.10	0.15	0.99	
142.1	145.4		Cum	1	3.30	1.10	0.15	0.54	
145.4	149.4		Cum	1	4.00	1.10	0.15	0.66	
149.4	154.3		Cum	1	4.90	1.10	0.15	0.81	
154.3	164.5		Cum	1	8.00	1.10	0.15	1.32	
		For Concrete Road Puttenahalli Anjaneya Swamy temple surrounding							
			Cum	1	3.70	4.55	0.15	2.53	
			Cum	1	7.60	3.55	0.15	4.05	
			Cum	1	6.30	10.50	0.15	9.92	
			Cum	1	6.00	14.90	0.15	13.41	
			Cum	1	8.30	9.35	0.15	11.64	
			Cum	1	14.95	1.93	0.15	4.33	
			Cum	1	2.50	4.10	0.15	1.54	
			Cum	1	2.10	2.00	0.15	0.63	
			Cum	1	3.80	4.00	0.15	2.28	
			Cum	1	4.10	2.00	0.15	1.23	
			Cum	1	4.00	4.00	0.15	2.40	
			Cum	1	5.80	6.70	0.15	5.83	
			Cum	1	4.30	7.15	0.15	4.61	
			Cum	1	4.00	7.15	0.15	4.29	
			Cum	1	5.00	4.70	0.15	3.53	
			Cum	1	7.50	6.60	0.15	7.43	
			Cum	1	5.00	4.85	0.15	3.64	
			Cum	1	5.00	4.38	0.15	3.28	
							TOTAL	**261.92**	

Contactor

CIVIL Pro Sig. Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.03		Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification and as per the directions of the Engineer-in-charge of the work .							
		Bottom Raft							
		Drain RHS							
		J.P Colony							
0	8		Cum	1	8.00	1.00	0.15	1.20	
8	10.5		Cum	1	2.50	1.00	0.15	0.38	
10.5	14.2		Cum	1	3.70	1.00	0.15	0.56	
14.2	18.6		Cum	1	4.40	1.00	0.15	0.66	
18.6	21.1		Cum	1	2.50	1.00	0.15	0.38	
21.1	24.8		Cum	1	3.70	1.00	0.15	0.56	
24.8	27.9		Cum	1	3.10	1.00	0.15	0.47	
27.9	31.6		Cum	1	3.70	1.00	0.15	0.56	
31.6	34.2		Cum	1	2.60	1.00	0.15	0.39	
34.2	38.5		Cum	1	4.30	1.00	0.15	0.65	
38.5	41.1		Cum	1	2.60	1.00	0.15	0.39	
41.1	45.55		Cum	1	4.45	1.00	0.15	0.67	
45.55	47.95		Cum	1	2.40	1.00	0.15	0.36	
47.95	51.75		Cum	1	3.80	1.00	0.15	0.57	
51.75	54.25		Cum	1	2.50	1.00	0.15	0.38	
54.25	58.6		Cum	1	4.35	1.00	0.15	0.65	
58.6	61.2		Cum	1	2.60	1.00	0.15	0.39	
0	3.1		Cum	1	3.10	1.00	0.15	0.47	
3.1	5.65		Cum	1	2.55	1.00	0.15	0.38	
5.65	9.35		Cum	1	3.70	1.00	0.15	0.56	
9.35	11.8		Cum	1	2.45	1.00	0.15	0.37	
11.8	16.2		Cum	1	4.40	1.00	0.15	0.66	
16.2	18.7		Cum	1	2.50	1.00	0.15	0.38	
18.7	23		Cum	1	4.30	1.00	0.15	0.65	
23	25.45		Cum	1	2.45	1.00	0.15	0.37	
25.45	29.15		Cum	1	3.70	1.00	0.15	0.56	
29.15	31.65		Cum	1	2.50	1.00	0.15	0.38	
31.65	36		Cum	1	4.35	1.00	0.15	0.65	
36	39.1		Cum	1	3.10	1.00	0.15	0.47	
39.1	42.8		Cum	1	3.70	1.00	0.15	0.55	
42.8	45.25		Cum	1	2.45	1.00	0.15	0.37	
45.25	49.6		Cum	1	4.35	1.00	0.15	0.65	

CIVIL Pro Sig Date PMC BANGALORE

Contactor

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
49.6	52.7		Cum	1	3.10	1.00	0.15	0.47	
52.7	55.8		Cum	1	3.10	1.00	0.15	0.46	
55.8	58.9		Cum	1	3.10	1.00	0.15	0.47	
58.9	62.65		Cum	1	3.75	1.00	0.15	0.56	
62.65	65.2		Cum	1	2.55	1.00	0.15	0.38	
65.2	69.55		Cum	1	4.35	1.00	0.15	0.65	
69.55	71.9		Cum	1	2.35	1.00	0.15	0.35	
71.9	76.3		Cum	1	4.40	1.00	0.15	0.66	
76.3	78.8		Cum	1	2.50	1.00	0.15	0.38	
78.8	82.6		Cum	1	3.80	1.00	0.15	0.57	
82.6	85		Cum	1	2.40	1.00	0.15	0.36	
85	89.4		Cum	1	4.40	1.00	0.15	0.66	
89.4	91.9		Cum	1	2.50	1.00	0.15	0.38	
91.9	96.2		Cum	1	4.30	1.00	0.15	0.65	
96.2	98.7		Cum	1	2.50	1.00	0.15	0.38	
98.7	103.1		Cum	1	4.40	1.00	0.15	0.66	
103.1	106.2		Cum	1	3.10	1.00	0.15	0.47	
106.2	109.9		Cum	1	3.70	1.00	0.15	0.56	
109.9	112.4		Cum	1	2.50	1.00	0.15	0.38	
112.4	116.7		Cum	1	4.30	1.00	0.15	0.65	
116.7	119.2		Cum	1	2.50	1.00	0.15	0.38	
119.2	123.6		Cum	1	4.35	1.00	0.15	0.65	
123.55	126		Cum	1	2.45	1.00	0.15	0.37	
126	130.4		Cum	1	4.40	1.00	0.15	0.66	
130.4	132.9		Cum	1	2.50	1.00	0.15	0.38	
132.9	136.6		Cum	1	3.70	1.00	0.15	0.55	
136.6	139.1		Cum	1	2.50	1.00	0.15	0.38	
139.1	143.5		Cum	1	4.40	1.00	0.15	0.66	
143.5	146		Cum	1	2.50	1.00	0.15	0.38	
146	150.4		Cum	1	4.40	1.00	0.15	0.66	
150.4	152.9		Cum	1	2.50	1.00	0.15	0.38	
152.9	157.3		Cum	1	4.40	1.00	0.15	0.66	
157.3	159.8		Cum	1	2.50	1.00	0.15	0.38	
159.8	163.6		Cum	1	3.80	1.00	0.15	0.57	
163.6	166.1		Cum	1	2.50	1.00	0.15	0.38	
166.1	170.5		Cum	1	4.40	1.00	0.15	0.66	
170.5	173		Cum	1	2.50	1.00	0.15	0.38	
173	177.4		Cum	1	4.40	1.00	0.15	0.66	
177.4	179.9		Cum	1	2.50	1.00	0.15	0.38	
179.9	184.3		Cum	1	4.40	1.00	0.15	0.66	
184.3	186.8		Cum	1	2.50	1.00	0.15	0.38	
186.8	190.5		Cum	1	3.70	1.00	0.15	0.55	
190.5	191.7		Cum	1	1.20	1.00	0.15	0.18	
191.7	196.2		Cum	1	4.50	1.00	0.15	0.68	

Contactor

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
196.2	200		Cum	1	3.80	1.00	0.15	0.57	
200	203.8		Cum	1	3.80	1.00	0.15	0.57	
203.8	206.3		Cum	1	2.50	1.00	0.15	0.38	
206.3	210.7		Cum	1	4.40	1.00	0.15	0.66	
210.7	213.2		Cum	1	2.50	1.00	0.15	0.38	
213.2	217		Cum	1	3.80	1.00	0.15	0.57	
217	219.5		Cum	1	2.50	1.00	0.15	0.38	
219.5	222.7		Cum	1	3.20	1.00	0.15	0.48	
222.7	226.4		Cum	1	3.70	1.00	0.15	0.56	
226.4	230.2		Cum	1	3.80	1.00	0.15	0.57	
230.2	233.4		Cum	1	3.20	1.00	0.15	0.48	
233.4	237.2		Cum	1	3.80	1.00	0.15	0.57	
237.2	240.4		Cum	1	3.20	1.00	0.15	0.48	
240.4	244.1		Cum	1	3.70	1.00	0.15	0.55	
244.1	246.6		Cum	1	2.50	1.00	0.15	0.38	
246.6	250.3		Cum	1	3.70	1.00	0.15	0.56	
250.3	253.5		Cum	1	3.20	1.00	0.15	0.48	
253.5	255.4		Cum	1	1.90	1.00	0.15	0.29	
255.4	278		Cum	1	22.60	1.00	0.15	3.39	
278	293		Cum	1	15.00	1.00	0.15	2.25	
293	308		Cum	1	15.00	1.00	0.15	2.25	
		Cross Road Connecting Buriyal Ground							
		LHS							
0	15		Cum	1	15.00	1.00	0.15	2.25	
15	30		Cum	1	15.00	1.00	0.15	2.25	
30	37.8		Cum	1	7.80	1.00	0.15	1.17	
37.8	52.8		Cum	1	15.00	1.00	0.15	2.25	
		Buriyal to Main Road							
		RHS							
0	14.6		Cum	1	14.60	1.00	0.15	2.19	
14.6	29.6		Cum	1	15.00	1.00	0.15	2.25	
29.6	45		Cum	1	15.40	1.00	0.15	2.31	
45	47.8		Cum	1	2.80	1.00	0.15	0.42	
		Pavani Apartment Road							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	44.6		Cum	1	14.60	0.90	0.15	1.97	
44.6	67		Cum	1	22.40	0.90	0.15	3.02	

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		Vinayaka Layout Cross Road opposite Muneshwara Swamy Temple							
		RHS							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	29		Cum	1	14.00	0.90	0.15	1.89	
29	33.1		Cum	1	4.10	0.90	0.15	0.55	
33.1	48.1		Cum	1	15.00	0.90	0.15	2.03	
48.1	65.1		Cum	1	17.00	0.90	0.15	2.30	
		LHS							
0	11		Cum	1	11.00	0.90	0.15	1.49	
11	15		Cum	1	4.00	0.90	0.15	0.54	
15	19		Cum	1	4.00	0.90	0.15	0.54	
19	26.1		Cum	1	7.10	0.90	0.15	0.96	
26.1	40		Cum	1	13.90	0.90	0.15	1.88	
40	55		Cum	1	15.00	0.90	0.15	2.03	
55	68.6		Cum	1	13.60	0.90	0.15	1.84	
		Puttenahalli							
		2nd Main							
		LHS							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	28.7		Cum	1	13.70	0.90	0.15	1.85	
28.7	30.6		Cum	1	1.90	0.90	0.15	0.26	
30.6	45		Cum	1	14.40	0.90	0.15	1.94	
45	52.3		Cum	1	7.30	0.90	0.15	0.99	
52.3	56		Cum	1	3.70	0.90	0.15	0.50	
56	59.2		Cum	1	3.20	0.90	0.15	0.43	
59.2	65.2		Cum	1	6.00	0.90	0.15	0.81	
65.2	75		Cum	1	9.80	0.90	0.15	1.32	
75	88.9		Cum	1	13.90	0.90	0.15	1.88	
88.9	108.8		Cum	1	19.90	0.90	0.15	2.69	
108.8	114.6		Cum	1	5.80	0.90	0.15	0.78	
114.6	124.1		Cum	1	9.50	0.90	0.15	1.28	
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	45		Cum	1	15.00	0.90	0.15	2.03	
		RHS							
0	9.4		Cum	1	9.40	0.90	0.15	1.27	
9.4	15		Cum	1	5.60	0.90	0.15	0.76	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	43.9		Cum	1	13.90	0.90	0.15	1.88	

CIVIL Pro Sig Date PMC BANGALORE

Contactor

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
43.9	60		Cum	1	16.10	0.90	0.15	2.17	
60	75		Cum	1	15.00	0.90	0.15	2.03	
75	90		Cum	1	15.00	0.90	0.15	2.03	
90	104.8		Cum	1	14.80	0.90	0.15	2.00	
104.8	108.6		Cum	1	3.80	0.90	0.15	0.51	
108.6	114.8		Cum	1	6.20	0.90	0.15	0.84	
114.8	117.8		Cum	1	3.00	0.90	0.15	0.41	
117.8	126.5		Cum	1	8.70	0.90	0.15	1.17	
126.5	136.1		Cum	1	9.60	0.90	0.15	1.30	
136.1	142.1		Cum	1	6.00	0.90	0.15	0.81	
142.1	145.4		Cum	1	3.30	0.90	0.15	0.45	
145.4	149.4		Cum	1	4.00	0.90	0.15	0.54	
149.4	154.3		Cum	1	4.90	0.90	0.15	0.66	
154.3	164.5		Cum	1	8.00	0.90	0.15	1.08	
		Side Wall							
		Drain RHS							
		J.P Colony							
0	8		Cum	2	8.00	0.15	0.55	1.32	
8	10.5		Cum	2	2.50	0.15	0.55	0.41	
10.5	14.2		Cum	2	3.70	0.15	0.55	0.61	
14.2	18.6		Cum	2	4.40	0.15	0.55	0.73	
18.6	21.1		Cum	2	2.50	0.15	0.55	0.41	
21.1	24.8		Cum	2	3.70	0.15	0.55	0.61	
24.8	27.9		Cum	2	3.10	0.15	0.55	0.51	
27.9	31.6		Cum	2	3.70	0.15	0.55	0.61	
31.6	34.2		Cum	2	2.60	0.15	0.55	0.43	
34.2	38.5		Cum	2	4.30	0.15	0.55	0.71	
38.5	41.1		Cum	2	2.60	0.15	0.55	0.43	
41.1	45.55		Cum	2	4.45	0.15	0.55	0.73	
45.55	47.95		Cum	2	2.40	0.15	0.55	0.40	
47.95	51.75		Cum	2	3.80	0.15	0.55	0.63	
51.75	54.25		Cum	2	2.50	0.15	0.55	0.41	
54.25	58.6		Cum	2	4.35	0.15	0.55	0.72	
58.6	61.2		Cum	2	2.60	0.15	0.55	0.43	
0	3.1		Cum	2	3.10	0.15	0.55	0.51	
3.1	5.65		Cum	2	2.55	0.15	0.55	0.42	
5.65	9.35		Cum	2	3.70	0.15	0.55	0.61	
9.35	11.8		Cum	2	2.45	0.15	0.55	0.40	
11.8	16.2		Cum	2	4.40	0.15	0.55	0.73	
16.2	18.7		Cum	2	2.50	0.15	0.55	0.41	
18.7	23		Cum	2	4.30	0.15	0.55	0.71	
23	25.45		Cum	2	2.45	0.15	0.55	0.40	
25.45	29.15		Cum	2	3.70	0.15	0.55	0.61	

Contactor

CIVIL Prop. Sig. Date BMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
29.15	31.65		Cum	2	2.50	0.15	0.55	0.41	
31.65	36		Cum	2	4.35	0.15	0.55	0.72	
36	39.1		Cum	2	3.10	0.15	0.55	0.51	
39.1	42.8		Cum	2	3.70	0.15	0.55	0.61	
42.8	45.25		Cum	2	2.45	0.15	0.55	0.40	
45.25	49.6		Cum	2	4.35	0.15	0.55	0.72	
49.6	52.7		Cum	2	3.10	0.15	0.55	0.51	
52.7	55.8		Cum	2	3.10	0.15	0.55	0.51	
55.8	58.9		Cum	2	3.10	0.15	0.55	0.51	
58.9	62.65		Cum	2	3.75	0.15	0.55	0.62	
62.65	65.2		Cum	2	2.55	0.15	0.55	0.42	
65.2	69.55		Cum	2	4.35	0.15	0.55	0.72	
69.55	71.9		Cum	2	2.35	0.15	0.55	0.39	
71.9	76.3		Cum	2	4.40	0.15	0.55	0.73	
76.3	78.8		Cum	2	2.50	0.15	0.55	0.41	
78.8	82.6		Cum	2	3.80	0.15	0.55	0.63	
82.6	85		Cum	2	2.40	0.15	0.55	0.40	
85	89.4		Cum	2	4.40	0.15	0.55	0.73	
89.4	91.9		Cum	2	2.50	0.15	0.55	0.41	
91.9	96.2		Cum	2	4.30	0.15	0.55	0.71	
96.2	98.7		Cum	2	2.50	0.15	0.55	0.41	
98.7	103.1		Cum	2	4.40	0.15	0.55	0.73	
103.1	106.2		Cum	2	3.10	0.15	0.55	0.51	
106.2	109.9		Cum	2	3.70	0.15	0.55	0.61	
109.9	112.4		Cum	2	2.50	0.15	0.55	0.41	
112.4	116.7		Cum	2	4.30	0.15	0.55	0.71	
116.7	119.2		Cum	2	2.50	0.15	0.55	0.41	
119.2	123.6		Cum	2	4.35	0.15	0.55	0.72	
123.55	126		Cum	2	2.45	0.15	0.55	0.40	
126	130.4		Cum	2	4.40	0.15	0.55	0.73	
130.4	132.9		Cum	2	2.50	0.15	0.55	0.41	
132.9	136.6		Cum	2	3.70	0.15	0.55	0.61	
136.6	139.1		Cum	2	2.50	0.15	0.55	0.41	
139.1	143.5		Cum	2	4.40	0.15	0.55	0.73	
143.5	146		Cum	2	2.50	0.15	0.55	0.41	
146	150.4		Cum	2	4.40	0.15	0.55	0.73	
150.4	152.9		Cum	2	2.50	0.15	0.55	0.41	
152.9	157.3		Cum	2	4.40	0.15	0.55	0.73	
157.3	159.8		Cum	2	2.50	0.15	0.55	0.41	
159.8	163.6		Cum	2	3.80	0.15	0.55	0.63	
163.6	166.1		Cum	2	2.50	0.15	0.55	0.41	
166.1	170.5		Cum	2	4.40	0.15	0.55	0.73	
170.5	173		Cum	2	2.50	0.15	0.55	0.41	
173	177.4		Cum	2	4.40	0.15	0.55	0.73	

Contactor

CIVIL PWD Sign Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
177.4	179.9		Cum	2	2.50	0.15	0.55	0.41	
179.9	184.3		Cum	2	4.40	0.15	0.55	0.73	
184.3	186.8		Cum	2	2.50	0.15	0.55	0.41	
186.8	190.5		Cum	2	3.70	0.15	0.55	0.61	
190.5	191.7		Cum	2	1.20	0.15	0.55	0.20	
191.7	196.2		Cum	2	4.50	0.15	0.55	0.74	
196.2	200		Cum	2	3.80	0.15	0.55	0.63	
200	203.8		Cum	2	3.80	0.15	0.55	0.63	
203.8	206.3		Cum	2	2.50	0.15	0.55	0.41	
206.3	210.7		Cum	2	4.40	0.15	0.55	0.73	
210.7	213.2		Cum	2	2.50	0.15	0.55	0.41	
213.2	217		Cum	2	3.80	0.15	0.55	0.63	
217	219.5		Cum	2	2.50	0.15	0.55	0.41	
219.5	222.7		Cum	2	3.20	0.15	0.55	0.53	
222.7	226.4		Cum	2	3.70	0.15	0.55	0.61	
226.4	230.2		Cum	2	3.80	0.15	0.55	0.63	
230.2	233.4		Cum	2	3.20	0.15	0.55	0.53	
233.4	237.2		Cum	2	3.80	0.15	0.55	0.63	
237.2	240.4		Cum	2	3.20	0.15	0.55	0.53	
240.4	244.1		Cum	2	3.70	0.15	0.55	0.61	
244.1	246.6		Cum	2	2.50	0.15	0.55	0.41	
246.6	250.3		Cum	2	3.70	0.15	0.55	0.61	
250.3	253.5		Cum	2	3.20	0.15	0.55	0.53	
253.5	255.4		Cum	2	1.90	0.15	0.55	0.31	
255.4	278		Cum	2	22.60	0.15	0.55	3.73	
278	293		Cum	2	15.00	0.15	0.55	2.48	
293	308		Cum	2	15.00	0.15	0.55	2.48	
		Cross Road Connecting Buriyal Ground							
		LHS							
0	15		Cum	2	15.00	0.15	0.50	2.25	
15	30		Cum	2	15.00	0.15	0.50	2.25	
30	37.8		Cum	2	7.80	0.15	0.50	1.17	
37.8	52.8		Cum	2	15.00	0.15	0.50	2.25	
		Buriyal to Main Road							
		RHS							
0	14.6		Cum	2	14.60	0.15	0.50	2.19	
14.6	29.6		Cum	2	15.00	0.15	0.50	2.25	
29.6	45		Cum	2	15.40	0.15	0.50	2.31	
45	47.8		Cum	2	2.80	0.15	0.50	0.42	

Contactor

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		Pavani Apartment Road							
0	15								
15	30		Cum	2	15.00	0.15	0.70	3.15	
30	44.6		Cum	2	15.00	0.15	0.70	3.15	
44.6	67		Cum	2	14.60	0.15	0.70	3.07	
			Cum	2	22.40	0.15	0.75	5.04	
		Vinayaka Layout Cross Road opposite Muneshwara Swamy Temple							
		RHS							
0	15		Cum	2	15.00	0.15	0.55	2.48	
15	29		Cum	2	14.00	0.15	0.55	2.31	
29	33.1		Cum	2	4.10	0.15	0.55	0.68	
33.1	48.1		Cum	2	15.00	0.15	0.55	2.48	
48.1	65.1		Cum	2	17.00	0.15	0.55	2.81	
		LHS							
0	11		Cum	2	11.00	0.15	0.55	1.82	
11	15		Cum	2	4.00	0.15	0.55	0.66	
15	19		Cum	2	4.00	0.15	0.55	0.66	
19	26.1		Cum	2	7.10	0.15	0.55	1.17	
26.1	40		Cum	2	13.90	0.15	0.55	2.29	
40	55		Cum	2	15.00	0.15	0.55	2.48	
55	68.6		Cum	2	13.60	0.15	0.55	2.24	
		Puttenahalli							
		2nd Main							
		LHS							
0	15		Cum	2	15.00	0.15	0.55	2.48	
15	28.7		Cum	2	13.70	0.15	0.55	2.26	
28.7	30.6		Cum	2	1.90	0.15	0.55	0.31	
30.6	45		Cum	2	14.40	0.15	0.55	2.38	
45	52.3		Cum	2	7.30	0.15	0.55	1.20	
52.3	56		Cum	2	3.70	0.15	0.55	0.61	
56	59.2		Cum	2	3.20	0.15	0.55	0.53	
59.2	65.2		Cum	2	6.00	0.15	0.55	0.99	
65.2	75		Cum	2	9.80	0.15	0.55	1.62	
75	88.9		Cum	2	13.90	0.15	0.55	2.29	
88.9	108.8		Cum	2	19.90	0.15	0.55	3.28	
108.8	114.6		Cum	2	5.80	0.15	0.55	0.96	
114.6	124.1		Cum	2	9.50	0.15	0.55	1.57	
0	15		Cum	2	15.00	0.15	0.55	2.48	

Contactor

PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
15	30		Cum	2	15.00	0.15	0.55	2.48	
30	45		Cum	2	15.00	0.15	0.55	2.48	
		RHS							
0	9.4		Cum	2	9.40	0.15	0.55	1.55	
9.4	15		Cum	2	5.60	0.15	0.55	0.92	
15	30		Cum	2	15.00	0.15	0.55	2.48	
30	43.9		Cum	2	13.90	0.15	0.55	2.29	
43.9	60		Cum	2	16.10	0.15	0.55	2.66	
60	75		Cum	2	15.00	0.15	0.55	2.48	
75	90		Cum	2	15.00	0.15	0.55	2.48	
90	104.8		Cum	2	14.80	0.15	0.55	2.44	
104.8	108.6		Cum	2	3.80	0.15	0.55	0.63	
108.6	114.8		Cum	2	6.20	0.15	0.55	1.02	
114.8	117.8		Cum	2	3.00	0.15	0.55	0.50	
117.8	126.5		Cum	2	8.70	0.15	0.55	1.44	
126.5	136.1		Cum	2	9.60	0.15	0.55	1.58	
136.1	142.1		Cum	2	6.00	0.15	0.55	0.99	
142.1	145.4		Cum	2	3.30	0.15	0.55	0.54	
145.4	149.4		Cum	2	4.00	0.15	0.55	0.66	
149.4	154.3		Cum	2	4.90	0.15	0.55	0.81	
154.3	164.5		Cum	2	10.20	0.15	0.55	1.68	
							TOTAL	309.82	
							Quantity Limited To	306.36	

Contactor

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

Assistant Executive Engineer

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
Item no.04	**Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.**								
	J.P Colony								
	RHS								
	Main Bars (#12@120 c/c)	1	12	515	515	2.40	1236.00	0.887814	1097.34
	Distribution(9-#8)	1	8	10	10	61.20	612.00	0.394584	241.49
	RHS								
	Main Bars (#12@120 c/c)	1	12	2568	2568	2.40	6162.40	0.887814	5471.07
	Distribution(9-#8)	1	8	10	10	308.00	3080.00	0.394584	1215.32
	Cross Road Connecting Buriyal Ground								
	LHS								
	Main Bars (#12@120 c/c)	1	12	441	441	2.30	1014.30	0.887814	900.51
	Distribution(9-#8)	1	8	10	10	52.80	528.00	0.394584	208.34
	Buriyal to Main Road								
	RHS								
	Main Bars (#12@120 c/c)	1	12	399	399	2.30	918.47	0.887814	815.43
	Distribution(9-#8)	1	8	10	10	47.80	478.00	0.394584	188.61
	Pavani Apartment Road								
	Main Bars (#12@120 c/c)	1	12	560	560	2.62	1467.20	0.887814	1302.60
	Distribution(10-#8)	1	8	10	10	42.20	422.00	0.394584	166.51
	Vinayaka Layout Cross Road opposite Muneshwara Swamy Temple								
	RHS								
	Main Bars (#12@120 c/c)	1	12	546	546	2.30	1255.80	0.887814	1114.92
	Distribution(10-#8)	1	8	10	10	65.10	651.00	0.394584	256.87
	LHS								
	Main Bars (#12@120 c/c)	1	12	574	574	2.30	1320.20	0.887814	1172.09
	Distribution(10-#8)	1	8	10	10	68.60	686.00	0.394584	270.68
	Puttenahalli								
	2nd Main								
	LHS								

Contractor

CIVIL Pro Sig. Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.05		Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per the directions of the Engineer-in-charge of the work . (Data Rate)							
		Drain RHS							
		J.P Colony							
0	8		Sqm	1	8.00	0.90		7.20	
8	10.5		Sqm	1	2.50	0.75		1.88	
10.5	14.2		Sqm	1	3.70	0.90		3.33	
14.2	18.6		Sqm	1	4.40	0.75		3.30	
18.6	21.1		Sqm	1	2.50	0.90		2.25	
21.1	24.8		Sqm	1	3.70	0.75		2.78	
24.8	27.9		Sqm	1	3.10	0.90		2.79	
27.9	31.6		Sqm	1	3.70	0.75		2.78	
31.6	34.2		Sqm	1	2.60	0.90		2.34	
34.2	38.5		Sqm	1	4.30	0.75		3.23	
38.5	41.1		Sqm	1	2.60	0.90		2.34	
41.1	45.55		Sqm	1	4.45	0.75		3.34	
45.55	47.95		Sqm	1	2.40	0.90		2.16	
47.95	51.75		Sqm	1	3.80	0.75		2.85	
51.75	54.25		Sqm	1	2.50	0.90		2.25	
54.25	58.6		Sqm	1	4.35	0.75		3.26	
58.6	61.2		Sqm	1	2.60	0.90		2.34	
0	3.1		Sqm	1	3.10	0.75		2.33	
3.1	5.65		Sqm	1	2.55	0.90		2.30	
5.65	9.35		Sqm	1	3.70	0.75		2.78	
9.35	11.8		Sqm	1	2.45	0.90		2.21	
11.8	16.2		Sqm	1	4.40	0.75		3.30	
16.2	18.7		Sqm	1	2.50	0.90		2.25	
18.7	23		Sqm	1	4.30	0.75		3.23	
23	25.45		Sqm	1	2.45	0.90		2.21	
25.45	29.15		Sqm	1	3.70	0.75		2.78	
29.15	31.65		Sqm	1	2.50	0.90		2.25	
31.65	36		Sqm	1	4.35	0.75		3.26	
36	39.1		Sqm	1	3.10	0.90		2.79	
39.1	42.8		Sqm	1	3.70	0.75		2.78	
42.8	45.25		Sqm	1	2.45	0.90		2.21	
45.25	49.6		Sqm	1	4.35	0.75		3.26	
49.6	52.7		Sqm	1	3.10	0.90		2.79	
52.7	55.8		Sqm	1	3.10	0.75		2.33	
55.8	58.9		Sqm	1	3.10	0.90		2.79	
58.9	62.65		Sqm	1	3.75	0.75		2.81	

16/01/20

Contactor

CIVIL ENGINEER PMC BANGALORE Date

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
62.65	65.2		Sqm	1	2.55	0.90		2.30	
65.2	69.55		Sqm	1	4.35	0.75		3.26	
69.55	71.9		Sqm	1	2.35	0.90		2.12	
71.9	76.3		Sqm	1	4.40	0.75		3.30	
76.3	78.8		Sqm	1	2.50	0.90		2.25	
78.8	82.6		Sqm	1	3.80	0.75		2.85	
82.6	85		Sqm	1	2.40	0.90		2.16	
85	89.4		Sqm	1	4.40	0.75		3.30	
89.4	91.9		Sqm	1	2.50	0.90		2.25	
91.9	96.2		Sqm	1	4.30	0.75		3.23	
96.2	98.7		Sqm	1	2.50	0.90		2.25	
98.7	103.1		Sqm	1	4.40	0.75		3.30	
103.1	106.2		Sqm	1	3.10	0.90		2.79	
106.2	109.9		Sqm	1	3.70	0.75		2.78	
109.9	112.4		Sqm	1	2.50	0.90		2.25	
112.4	116.7		Sqm	1	4.30	0.75		3.23	
116.7	119.2		Sqm	1	2.50	0.90		2.25	
119.2	123.6		Sqm	1	4.35	0.75		3.26	
123.55	126		Sqm	1	2.45	0.90		2.21	
126	130.4		Sqm	1	4.40	0.75		3.30	
130.4	132.9		Sqm	1	2.50	0.90		2.25	
132.9	136.6		Sqm	1	3.70	0.75		2.77	
136.6	139.1		Sqm	1	2.50	0.90		2.25	
139.1	143.5		Sqm	1	4.40	0.75		3.30	
143.5	146		Sqm	1	2.50	0.90		2.25	
146	150.4		Sqm	1	4.40	0.75		3.30	
150.4	152.9		Sqm	1	2.50	0.90		2.25	
152.9	157.3		Sqm	1	4.40	0.75		3.30	
157.3	159.8		Sqm	1	2.50	0.90		2.25	
159.8	163.6		Sqm	1	3.80	0.75		2.85	
163.6	166.1		Sqm	1	2.50	0.90		2.25	
166.1	170.5		Sqm	1	4.40	0.75		3.30	
170.5	173		Sqm	1	2.50	0.90		2.25	
173	177.4		Sqm	1	4.40	0.75		3.30	
177.4	179.9		Sqm	1	2.50	0.90		2.25	
179.9	184.3		Sqm	1	4.40	0.75		3.30	
184.3	186.8		Sqm	1	2.50	0.90		2.25	
186.8	190.5		Sqm	1	3.70	0.75		2.77	
190.5	191.7		Sqm	1	1.20	0.90		1.08	
191.7	196.2		Sqm	1	4.50	0.75		3.38	
196.2	200		Sqm	1	3.80	0.90		3.42	
200	203.8		Sqm	1	3.80	0.75		2.85	
203.8	206.3		Sqm	1	2.50	0.90		2.25	
206.3	210.7		Sqm	1	4.40	0.75		3.30	

Contactor

CIVIL Pro Sig. Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
210.7	213.2		Sqm	1	2.50	0.90		2.25	
213.2	217		Sqm	1	3.80	0.75		2.85	
217	219.5		Sqm	1	2.50	0.90		2.25	
219.5	222.7		Sqm	1	3.20	0.75		2.40	
222.7	226.4		Sqm	1	3.70	0.90		3.33	
226.4	230.2		Sqm	1	3.80	0.75		2.85	
230.2	233.4		Sqm	1	3.20	0.90		2.88	
233.4	237.2		Sqm	1	3.80	0.75		2.85	
237.2	240.4		Sqm	1	3.20	0.90		2.88	
240.4	244.1		Sqm	1	3.70	0.75		2.77	
244.1	246.6		Sqm	1	2.50	0.90		2.25	
246.6	250.3		Sqm	1	3.70	0.75		2.78	
250.3	253.5		Sqm	1	3.20	0.90		2.88	
253.5	255.4		Sqm	1	1.90	0.75		1.43	
255.4	278		Sqm	1	22.60	0.90		20.34	
278	293		Sqm	1	15.00	0.90		13.50	
293	308		Sqm	1	15.00	0.90		13.50	
		Cross Road Connecting Buriyal Ground							
		LHS							
0	15		Sqm	1	15.00	0.90		13.50	
15	30		Sqm	1	15.00	0.90		13.50	
30	37.8		Sqm	1	7.80	0.90		7.02	
37.8	52.8		Sqm	1	15.00	0.90		13.50	
		Buriyal to Main Road							
		RHS							
0	14.6		Sqm	1	14.60	0.90		13.14	
14.6	29.6		Sqm	1	15.00	0.90		13.50	
29.6	45		Sqm	1	15.40	0.90		13.86	
45	47.8		Sqm	1	2.80	0.90		2.52	
		Pavani Apartment Road							
0	15		Sqm	1	15.00	0.75		11.25	
15	30		Sqm	1	15.00	0.75		11.25	
30	44.6		Sqm	1	14.60	0.75		10.95	
44.6	67		Sqm	1	22.40	0.75		16.80	
		Vinayaka Layout Cross Road opposite Muneshwara Swamy Temple							
		RHS							

16/01/2020

CIVIL Pro Sig Date PMC BANGALORE

Contactor

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
0	15		Sqm	1	15.00	0.90		13.50	
15	29		Sqm	1	14.00	0.90		12.60	
29	33.1		Sqm	1	4.10	0.90		3.69	
33.1	48.1		Sqm	1	15.00	0.90		13.50	
48.1	65.1		Sqm	1	17.00	0.90		15.30	
		LHS							
0	11		Sqm	1	11.00	0.90		9.90	
11	15		Sqm	1	4.00	0.90		3.60	
15	19		Sqm	1	4.00	0.90		3.60	
19	26.1		Sqm	1	7.10	0.90		6.39	
26.1	40		Sqm	1	13.90	0.90		12.51	
40	55		Sqm	1	15.00	0.90		13.50	
55	68.6		Sqm	1	13.60	0.90		12.24	
		Puttenahalli							
		2nd Main							
		LHS							
0	28.7		Sqm	1	28.70	0.90		25.83	
30.6	36.6	28.7 to 30.6 Bs Cover slab	Sqm	1	6.00	0.90		5.40	
52.3	56	36.6 to 52.3 Bs Cover Slab	Sqm	1	3.70	0.90		3.33	
59.2	65.2	56 to 59.2 Bs Cover Slab	Sqm	1	6.00	0.90		5.40	
88.9	108.8	65.2 to 88.9 Bs Cover Slab	Sqm	1	19.90	0.90		17.91	
114.6	124.1	108.8 to 114.6 Bs Cover Slab	Sqm	1	9.50	0.90		8.55	
0	15		Sqm	1	15.00	0.75		11.25	
15	30		Sqm	1	15.00	0.75		11.25	
30	45		Sqm	1	15.00	0.75		11.25	
		RHS							
0	9.4		Sqm	1	9.40	0.75		7.05	
9.4	15		Sqm	1	5.60	0.90		5.04	
15	30		Sqm	1	15.00	0.90		13.50	
30	43.9		Sqm	1	13.90	0.90		12.51	
43.9	104.8		Sqm	1	60.90	0.90		54.81	
108.6	114.8	104.8 to 108.6 Bs Cover Slab	Sqm	1	6.20	0.90		5.58	
117.8	126.5	114.8 to 117.8 Bs Cover Slab	Sqm	1	8.70	0.90		7.83	
136.1	142.1	126.5 to 136.1 Bs Cover Slab	Sqm	1	6.00	0.90		5.40	

CIVIL Pro Sig Date PMC BANGALORE

Contactor

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
145.4	149.4	142.1 to 145.4 Bs Cover Slab	Sqm	1	4.00	0.90		3.60	
154.3	164.5	149.4 to 154.3 Bs Cover Slab	Sqm	1	8.00	0.90		7.20	
		Missing Slab in Jp Colony	Sqm	50	0.90	0.60		27.00	
							TOTAL	815.15	

Contactor

CIVIL Pro Sig Date BMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.06		Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
		Puttenahalli							
		Anjaneya Swamy temple surrounding							
			Cum	1	3.70	2.80	0.20	2.07	
			Cum	1	7.60	2.90	0.20	4.41	
			Cum	1	6.30	2.90	0.20	3.65	
			Cum	1	6.00	2.90	0.20	3.48	
			Cum	1	8.30	2.90	0.20	4.81	
			Cum	1	14.95	3.30	0.20	9.87	
			Cum	1	2.50	3.30	0.20	1.65	
			Cum	1	2.10	3.30	0.20	1.39	
			Cum	1	3.80	2.90	0.20	2.20	
			Cum	1	4.10	3.30	0.20	2.71	
			Cum	1	4.00	2.90	0.20	2.32	
			Cum	1	5.80	3.30	0.20	3.83	
			Cum	1	4.30	2.90	0.20	2.49	
			Cum	1	4.00	3.30	0.20	2.64	
			Cum	1	5.00	4.00	0.20	4.00	
			Cum	1	7.50	4.00	0.20	6.00	
			Cum	1	5.00	3.00	0.20	3.00	
			Cum	1	5.00	4.30	0.20	4.30	
							TOTAL	64.82	
							Quantity Limited To	64.80	

Contactor

CIVIL Pro Sig. Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.07		Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications.. and as per the directions of the Engineer-in-charge of the work .							
		Puttenahalli							
		Anjaneya Swamy temple surrounding							
			Cum	1	3.70	4.55	0.20	3.37	
			Cum	1	7.60	3.55	0.175	4.72	
			Cum	1	6.30	10.50	0.20	13.23	
			Cum	1	6.00	14.90	0.175	15.65	
			Cum	1	8.30	9.40	0.20	15.60	
			Cum	1	14.95	2.00	0.15	4.49	
			Cum	1	2.50	4.10	0.20	2.05	
			Cum	1	2.10	2.00	0.175	0.74	
			Cum	1	3.80	4.00	0.20	3.04	
			Cum	1	4.10	2.00	0.15	1.23	
			Cum	1	4.00	4.00	0.20	3.20	
			Cum	1	5.80	6.70	0.175	6.80	
			Cum	1	4.30	7.15	0.20	6.15	
			Cum	1	4.00	7.15	0.175	5.01	
			Cum	1	5.00	4.70	0.20	4.70	
			Cum	1	7.50	6.60	0.20	9.90	
			Cum	1	5.00	4.85	0.20	4.85	
			Cum	1	5.00	4.38	0.175	3.83	
							TOTAL	108.54	

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.08		Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift.and as per the directions of the Engineer-in-charge of the work .							
		Puttenahalli							
		Anjaneya Swamy temple surrounding							
			Sqm	1	3.70	4.55		16.84	
			Sqm	1	7.60	3.55		26.98	
			Sqm	1	6.30	10.50		66.15	
			Sqm	1	6.00	14.90		89.40	
			Sqm	1	8.30	9.35		77.61	
			Sqm	1	14.95	1.93		28.85	
			Sqm	1	2.50	4.10		10.25	
			Sqm	1	2.10	2.00		4.20	
			Sqm	1	3.80	4.00		15.20	
			Sqm	1	4.10	2.00		8.20	
			Sqm	1	4.00	4.00		16.00	
			Sqm	1	5.80	6.70		38.86	
			Sqm	1	4.30	7.15		30.75	
			Sqm	1	4.00	7.15		28.60	
			Sqm	1	5.00	4.70		23.50	
			Sqm	1	7.50	6.60		49.50	
			Sqm	1	5.00	4.85		24.25	
			Sqm	1	5.00	4.38		21.88	
							TOTAL	577.00	

Contactor

CIVIL Pro Sig Date BANGALORE

PMC

Assistant Engineer

A.E.E

Assistant Executive Engineer